132 Pattern (View)

Given an array of `n` integers `nums`, a **132 pattern** is a subsequence of three integers `nums[i]`, `nums[j]` and `nums[k]` such that `i < j < k` and `nums[i] < nums[k] < nums[j]`.

Return *`true` if there is a **132 pattern** in `nums`, otherwise, return `false`.*

Example 1:

```
Input: nums = [1,2,3,4]

Output: false

Explanation: There is no 132 pattern in the sequence.
```

Example 2:

```
Input: nums = [3,1,4,2]

Output: true

Explanation: There is a 132 pattern in the sequence: [1, 4, 2].
```

Example 3:

```
Input: nums = [-1,3,2,0]

Output: true

Explanation: There are three 132 patterns in the sequence: [-1, 3, 2], [-1, 3, 0] and [-1, 2, 0].
```

Constraints:

- `n == nums.length`
- `1 <= n <= 2 * 10^5`
- `-10^9 <= nums[i] <= 10^9`